

ECS Configuration Change Request

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1. Originator Sarah Lewallen	2. Log Date: 12/20/02	3. CCR #: 02-1111	4. Rev: —	5. Tel: 301-925-0865	6. Rm #: 2117B	7. Dept. SE
8. CCR Title: Upgrade amass RAID on g0drg02 and g0drg04 with TP9400.						
9. Originator Signature/Date Sarah Lewallen /s/ 12/20/02			10. Class II	11. Type: CCR	12. Need Date: 2/15/03	
13. Office Manager Signature/Date R. Haynes /s/ 12/20/02			14. Category of Change: Update ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (<i>Review and submit checklist</i>): 920-TDG-001, 920-TDG-007			17. Schedule Impact: None		18. CI(s) Affected: DRPHW	
19. Release Affected by this Change: 6A, 6B		20. Date due to Customer: 1/30/02		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: F&PRS growth requirements and SWGD II						
23. Problem: (use additional Sheets if necessary) Additional RAID is needed to upgrade the amasscache area to 2TB. Space is also needed to move the filesysdb and amassjnl from the SCSI RAID.						
24. Proposed Solution: (use additional sheets if necessary) Add a new TP9400 to each g0drg02 (20257) & g0drg04 (20268) with 78x36GB drives configured with 2 hot spares, 2 mirrors for amassjnl and filesysdb and 8 RAID3 LUNs in one striped volume for amasscache. Reuse the 80x18 rack 5286 from g0drg04 on g0drg01 to increase amasscache to 2TB. From g0drg02, move 20x36GB to each g0drg05 (12039&40) and g0drg01(5675&6) for L0_buffer. Use the remaining 20x36 (5673&5674) as L0_buffer. Remove 20x18 (9185&5680), return to stock. From g0drg01 remove 20x18 (9183&4), return to stock.						
25. Alternate Solution: (use additional sheets if necessary) N/A						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Will not meet the growth requirements specified by the government.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. M&O CCB Chair (Sign/Date): Gary Gavigan /s/ 01/07/02			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			